Reviewer’s report

Title: Serum magnesium and high-sensitivity C-reactive protein as a predictor for gestational diabetes mellitus in Sudanese pregnant women

Version: 1 Date: 21 May 2018

Reviewer: Ali Khosrowbeygi

Reviewer’s report:

1. Please explain the sampling method that was used in the current study.

2. The number of women with GDM is very low and comparison of them with women without GDM might not be reasonable. It should be mentioned as a restriction of the study.

3. Please explain that the presented correlations in Table 2 are calculated in GDM or in the whole sample.

4. Why the authors did not use logistic regression analysis and ROC curves for statistical calculations.

5. Please explain the mechanism of the relationship between magnesium and hsCRP and GDM.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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